EUROPA Docs

1. 1. Background Concepts
   2. User Docs
   3. Modeling tricks

This page provides in-depth documentation on understanding and using EUROPA. If you don't know where to start, or just want a quick overview of how to use EUROPA, take a look at the EUROPA Quick Start

Background Concepts

- Overview: The EUROPA 2 Planning Approach
- Constraint Satisfaction Problems
- Simple Temporal Problems (Networks)
- Plan Representation
- Dynamic Objects
- Partial Plans
- Problem Solving

User Docs

- How to embed EUROPA in an application
- NDDL Reference
- Complete NDDL Grammar (for ANTLR)
- Constraint Library Reference
- Configuration
  - ♦ Logging
  - ♦ Built-in Solver
- Visualization / Debugging Tools
  - ♦ PSUI
  - ♦ PlanWorks
    - ◊ PlanWorks user's guide
    - ◊ PlanWorks.cfg Reference
  - ♦ Low-level debugging:
    - ◊ Stepping and Writing
    - ◊ Debug Output Management
    - ◊ Timelines
    - ◊ The Token Network
    - ◊ The Constraint Network
    - ◊ Metric Resources
    - ◊ Common Debugging Scenarios
- Architecture
  - ♦ Overview
  - ♦ Propagation Services
  - ♦ Plan Database Services
  - ♦ Modeling Services
  - ♦ Problem Solving Services
  - ♦ Ancillary Modules
- How to Extend EUROPA

Modeling tricks